

Title (en)

SYSTEM AND METHOD FOR ALL-INSIDE SUTURE FIXATION FOR IMPLANT ATTACHMENT AND SOFT TISSUE REPAIR

Title (de)

SYSTEM UND VERFAHREN ZUR INTERNEN NAHTFIXIERUNG ZUR BEFESTIGUNG EINES IMPLANTATS UND FÜR DIE WEICHTEILREPARATUR

Title (fr)

SYSTÈME ET PROCÉDÉ DE FIXATION DE SUTURE INTÉGRALEMENT INTÉRIEURE POUR FIXATION D'IMPLANT ET RÉPARATION DE TISSUS MOUS

Publication

**EP 2051641 A4 20130619 (EN)**

Application

**EP 07799856 A 20070726**

Priority

- US 2007074491 W 20070726
- US 50123506 A 20060809

Abstract (en)

[origin: US2007027476A1] A system for repairing a meniscus includes a suture that includes a first anchor, a second anchor, and a flexible portion connecting the first anchor and the second anchor. The flexible portion includes a self-locking slide knot between the first anchor and the second anchor. The system also includes a needle having a longitudinal extending bore and an open end. The bore is configured to receive the first anchor and the second anchor. The system further includes a body portion operatively connected to the needle at a distal end of the body portion. The body portion has a lumen. The system also includes a pusher configured to rotate and slide within the lumen of the body portion and the longitudinal extending bore of the needle. The pusher has first and second stop surfaces, each of which is constructed and arranged to engage a proximal end of the body portion.

IPC 8 full level

**A61B 17/04** (2006.01)

CPC (source: EP US)

**A61B 17/0401** (2013.01 - EP US); **A61B 17/0467** (2013.01 - EP US); **A61B 17/0469** (2013.01 - EP US); **A61B 2017/0417** (2013.01 - EP US);  
**A61B 2017/0458** (2013.01 - EP US); **A61B 2017/0464** (2013.01 - EP US); **A61B 2017/0474** (2013.01 - EP US);  
**A61B 2017/0475** (2013.01 - EP US); **A61B 2017/0496** (2013.01 - EP US); **A61B 2017/06052** (2013.01 - EP US)

Citation (search report)

- [XAYI] US 2005283246 A1 20051222 - CAUTHEN JOSEPH C III [US], et al
- [XA] US 6066146 A 20000523 - CARROLL BRENDAN J [US], et al
- [A] US 2004153074 A1 20040805 - BOJARSKI RAYMOND A [US], et al
- [A] US 2005159762 A1 20050721 - NUUTINEN JUHA-PEKKA [FI], et al
- [Y] US 2003236535 A1 20031225 - ONUKI YOSHIO [JP], et al
- [Y] EP 1685802 A1 20060802 - OLYMPUS CORP [JP]
- See references of WO 2008021691A2

Cited by

CN105078522A; US11064995B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2007027476 A1 20070201; US 8128640 B2 20120306;** AU 2007284219 A1 20080221; AU 2007284219 B2 20131212;  
CA 2660285 A1 20080221; CA 2660285 C 20140617; EP 2051641 A2 20090429; EP 2051641 A4 20130619; EP 2051641 B1 20140903;  
JP 2010500120 A 20100107; US 10548590 B2 20200204; US 2013030463 A1 20130131; US 2017027557 A1 20170202;  
US 2020214696 A1 20200709; US 9402616 B2 20160802; WO 2008021691 A2 20080221; WO 2008021691 A3 20081030

DOCDB simple family (application)

**US 50123506 A 20060809;** AU 2007284219 A 20070726; CA 2660285 A 20070726; EP 07799856 A 20070726; JP 2009523887 A 20070726;  
US 2007074491 W 20070726; US 201213410501 A 20120302; US 201615226521 A 20160802; US 202016742337 A 20200114